

# Basics of Mitsubishi Electric Inverters

## VFD TRAINING

### Course Description

Basics of Mitsubishi Electric Inverters	
Course Code	TRVFD001B
Length	2 Days
Price	\$750
Prerequisite	None

### RECOMMENDED E-LEARNING

[Inverters for Beginners](#)

[800 Series Functions](#)

[800 Series Operations](#)

### INTRODUCTION

This course is designed to introduce the Basics of Mitsubishi Electric's VFD Series. It is designed to give the attendee a thorough knowledge of the basic operations, common parameters, features and functions of the FR-D700, FR-E700, FR-A800 and FR-F800 standard model VFDs. This class will be taught using the FR-800 Series VFD and FR-Configurator software.

### WHO SHOULD ATTEND?

This course is intended for the individuals who are responsible for installing, configuring, troubleshooting, and performing basic operations of Mitsubishi Electric's Inverters.

### COURSE HARDWARE

FR-A800 or FR-F800 inverter and 3-phase induction motor

### PREREQUISITES EXPLAINED

A student must have a basic understanding of electronics principles and exposure to industrial control concepts.

### COURSE OUTLINE

LESSON 1	Variable Frequency Drive Principles
LESSON 2	Load Types
LESSON 3	Inverter Product Lineup
LESSON 4	External Options
LESSON 5	Wiring Connections
LESSON 6	Operation Panel
LESSON 7	Basic Parameters Settings
LESSON 8	Troubleshooting
LESSON 9	FR-Configurator Software FR-700 Series

### MITSUBISHI ELECTRIC AUTOMATION, INC.

500 Corporate Woods Parkway, Vernon Hills, IL 60061  
Ph 847.478.2100 • Email: [Training@meau.com](mailto:Training@meau.com)

[us.MitsubishiElectric.com/fa/en](http://us.MitsubishiElectric.com/fa/en)

May, 2021 • ©2021, Mitsubishi Electric Automation, Inc. •  
Specifications subject to change without notice. • All rights reserved

